

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-020088**Date Inspected:** 27-Jan-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Xu tao**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#19

ABF QC NDT MT personnel performing Step1 and Step2 MT on SB108 East is in progress.

This QA inspector performed UT 10% of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an UT report for this date. The members are identified as OBG suspender bracket. The weld designations reviewed as follows.

SB023-106-005 (CWR2747)

SB022-106-005(CWR2727)

During Quality Assurance in process inspection of the Bike Path, BK004A-006 and BK004A-007, this Caltrans (CT) Quality Assurance Inspector (QA) discovered the following issue:

The Caltrans Quality Assurance (QA) Inspector observed that the Bike path BK004A -006 and BK004A-007 had been moved to the blast shop and then Paint shop on January 27th , prior to the completion of the following NDT work.

1. NDT on temporary attachment (Lifting lugs) removal location on the side plates BKPL3A and BKPL3B was not been performed.

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# WELDING INSPECTION REPORT

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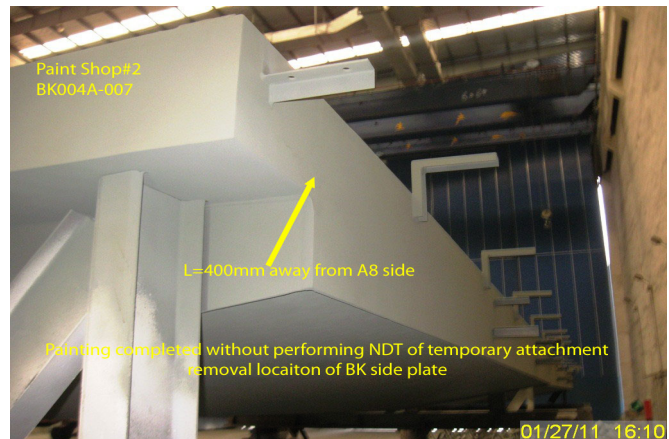
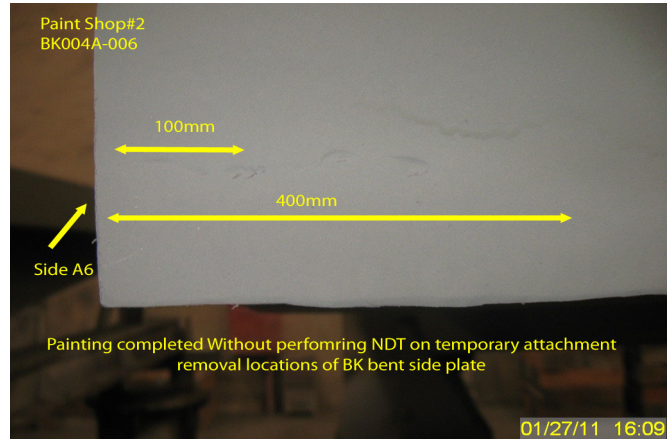
2. The Y locations are

400mm away from end closure plate BKPL8A and BKPL8B on the side plates BKPL3A and BKPL3B of Bike path BK004A-006 and BK004A-007.

For more information please see the Incident report

Incident\_Report\_TL-15\_B247\_01-27-11\_BK004A-006\_&\_007\_\_Blast\_and\_Paint\_\_Prior\_To\_Completion\_of\_Work

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



## Summary of Conversations:

No relevant Conversation.

## Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

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**Inspected By:** Kumar,Chadra

**Quality Assurance Inspector**

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**Reviewed By:** Patel,Hiranch

QA Reviewer